

ITW-13120

**METHOD AND APPARATUS FOR FEEDING
SLIDER-ZIPPER ASSEMBLIES**

ABSTRACT OF THE DISCLOSURE

A method and an apparatus for automatically feeding slider-zipper assemblies to a station where the slider-zipper assemblies can be attached to bag material such as thermoplastic film. The apparatus includes a slider guide having a channel running the length thereof. The channel has a cross section that allows passage therethrough of sliders slidably mounted to a tape of connected slider-zipper assemblies. A tape drive mechanism is located at the outlet of the slider guide. The tape drive mechanism includes a pair of rollers that form a nip therebetween. The zipper flanges of the tape are threaded through the nip. The rollers have respective grooves that form a space for passage of the sliders as the tape is advanced by the rollers.